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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/006,368	12/10/2001	Ronald Hoogendoorn	P 0284116 50800/US	1673		
909	7590 06/29/2004		EXAM	EXAMINER		
PILLSBURY WINTHROP, LLP			HAMLIN, D	HAMLIN, DERRICK G		
P.O. BOX 10 MCLEAN, N	• • •		ART UNIT	PAPER NUMBER		
,			1751			
			DATE MAILED: 06/29/2004	DATE MAILED: 06/29/2004		

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Lorible Co. Hamilin			Application No.	Applicant(s)				
Derrick G. Hamilin 1751 The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 3 TCR 1.136(a). In sevent, however, may a reply be timely filed after \$1k (8) MONTH(S) From the mailing date of this communication. If the period for reply specified above is less than thry (30) days, a reply within the elabory minimum of thirty (30) days, a will be considered films). If the period for reply wells the mailing date of this communication. Failure is neply within the set or extended period for reply well, by statute, cause the application to become ABANDONED (\$5 \) U.S.C. § 133, Any reply received by the Office late than three mentiles after the mailing date of this communication, even if timely filed, may reduce any seamed patent term adjustment. See 37 CFR 1.704(b). Status 1) Separation of Final L. 2b) This action is non-final. 3) Initial scalar in a coordance with the practice under Exparte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1.5 is/are pending in the application. 4a) Of the above claim(s) is/are rejected. 7) Claim(s) 1.2.4 and 5 is/are rejected. 7) Claim(s) 3 is/are objected to. 8) Claim(s) 3 is/are objected to. 8) Claim(s) 3 is/are objected to mail and the provided of the provided of the drawing(s) is objected to See 37 CFR 1.85(a). Replication Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Application Papers 9) The objected to be subjected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Tome of the priority documents have been received. 2 Certified copies of the priority do			10/006,368	HOOGENDOORI	HOOGENDOORN ET AL.			
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Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152)	1) Notice 2) Notice	ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (PTO-94	(8) Paper	No(s)/Mail Date	ГО-152)			

Application/Control Number: 10/006,368

Art Unit: 1751

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Evaluations of level of ordinary skill in the art requires consideration of factors such as various prior art approaches employed, types of problems encountered in the art, rapidity with which innovations are made, sophistication of technology involved, educational background of those actively working in the field, commercial success, failure of others, and the inventor's educational level.

The "person having ordinary skill" in this art has the capability of understanding the scientific and engineering principles applicable to the claimed invention. The references of record in this case reasonably reflect this level of skill.

Claims 1, 2, 4 and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by EP 0688854.

EP 0688854 discloses the following structure in page 9, lines 1-14:

Page 3

Application/Control Number: 10/006,368

Art Unit: 1751

10

EP 0 688 854 A1

(examples of complex esters containing 4 or more ester linkages in the molecule).

In the above general formulas, R_1 is H or an alkyl group having 1 to 3 carbon atoms, R_2 is a straight or branched-chain alkyl group having 5 to 12 carbon atoms, R_3 is an alkyl group having 1 to 3 carbon atoms, R_3 is an alkyl group having 1 to 3 carbon atoms, and n is an integer of 0 to 5.

EP 0688854 further teaches that the method by which the compounds are made in page 9, lines 19-28:

As the complex esters represented by the general formula (5), esters having a high viscosity and a wide critical solution temperature range can be obtained by selecting the chemical structure of the central dibasic acid (dicarboxylic acid) component from various chemical structures derived from succinic acid (n = 2), glutaric acid (abbreviated as Glut), adipic acid (abbreviated as AZP), pimelic acid, suberic acid, azelaic acid, and sebacic acid (n = 8), selecting the polyhydric alcohol component and the terminal monocarboxylic acid component from various compounds, and varying the blending proportions (molar fraction).

The monocarboxylic acids represented by the formula R_2COOH may be straight- or branched-chain ones. The latter includes 2-ethylhexanoic acid (2EH), 2-methylhexanoic acid (i- C_7), 3,5.5-trimethylhexanoic acid, 3.5-dimethylhexanoic acid (i- C_8), 2-methylheptanoic acid. The monocarboxylic acids may be used singly or in combination of two or more thereof.

The reference is anticipatory.

In view of the forgoing, the above claims have failed to be patently distinguishable over prior art.

The remaining references listed on form(s) 892 and/or 1449 have been reviewed by the examiner and are considered to be cumulative to or less material than the prior art references relied upon in the rejection above.

Application/Control Number: 10/006,368

Art Unit: 1751

Allowable Subject Matter

Claim 3 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

None of the cited prior art references discloses the claimed compound where y is branched with 4-6 carbons and n=1.5-5

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Derrick G. Hamlin whose telephone number is (571) 272-1317. The examiner can normally be reached on Monday-Fridays from ~8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dr. Yogendra Gupta, can be reached on (571) 272-1316. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

Application/Control Number: 10/006,368

Art Unit: 1751

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Derrick G. Hamlin

6/22/04

YOGENDRA N. GUPTA SUPERVISORY PATENT EXAMINER Page 5

TECHNOLOGY CENTER 1700